

**Heriots,
Wokingham Road,
Hurst,
Wokingham,
RG10 0RX**

PHASE 2 BAT SURVEY

September 2025

Dr.Jonty Denton (Chartered Ecologist) FRES FLS MCIEEM CECol



The surveys were conducted at dusk on the 7th May and 18th July and 21st September 2025.

Surveyors were stationed to cover all potential emergence point where Canon XA40 HD digital camcorders with IR illumination were also employed (see figure 1).

Surveys commenced 30 minutes before sunset and continued until 90 minutes after sundown. *EchotouchPro*, *Echotouch*, and *Batbox Duet* detectors were employed to monitor and record bat activity. Walkie-talkie communications were maintained between surveyors to avoid multiple counting and help triangulate emergence and flight lines.

RESULTS

The nights were all suitable for bats which were active on both surveys.



Figure 1. Surveyors and cameras

SPECIES ENCOUNTERED

Soprano Pipistrelle

Roosting in house roof centred on oldest section west and east ends. With Six from west and 8 from east end on 18th July 2025. The numbers indicate a small maternity roost is present.

Common pipistrelle

One emerged from ground floor extension on 7th May

Conclusions

The house supports small maternity roosts of soprano pipistrelles and day roosts of common pipistrelles



Figure 2. Emergence points 2025

APPENDIX 1. FIELD DATA

7th May 2025

Weather was calm, clear, dry and warm with starting temperature of 15° C dropping to 13.5 °C.

Project		Start time	20.00	Finish	22.04	Temperature	15 C at start 13.5 C at finish
		7.5.25		sunset	20.33	Weather 0% cloud beaufort 0	
Bat passes heard							
Station no.	Start time		No.	passes	comments		
SE, E	20.55	Common pipistrelle	1	1	Emerged from south ground floor roof (see A on fig 2)		
SW	21.10-12	Common pipistrelle	2	5+	Foraging to west of house		
W, N	21.13-15	Common pipistrelle	2	5+	Foraging to west of house		
SW	21.10-12	Common pipistrelle	2	5+	Foraging to west of house		
N, SE,	21.36	Soprano pipistrelle	1	1	HNS		



Figure 3. NW dark sky 7.5.2025



Figure 4. SE dark sky 7.5.2025



Figure 5. N dark sky 7.5.2025

18th July 2025

Weather was calm, dry and warm with starting temperature of 17° C dropping to 15.6 °C.

Project		Start time	20.27	Finish	22.40
		18.7.25		sunset	21.10
Bat passes heard					
Station no.	Start time		No.	passes	comments
SW	21.23	Common pipistrelle	1	1	Emerged from south side of ridge above west gable (see B on fig 2)
NW, SW	21.28	Common pipistrelle	1	1	Emerged from south side of ridge above west gable (see B on fig 2)
SW	21.29	Common pipistrelle	2	2	Emerged from south side of ridge above west gable (see B on fig 2)
NE, SE	21.29	Common pipistrelle	1	1	Emerged from north face near east chimney flew south (see C on fig 2)
E, SE	21.29	Common pipistrelle	1	1	Emerged from south side of ridge above west gable (see B on fig 2)
E, SE	21.30	Common pipistrelle	2	2	Emerged from north face near east chimney flew east (see C on fig 2)
SW, SE	21.31	Common pipistrelle	1	1	Emerged from south side of ridge above west gable (see B on fig 2)
SE, E	21.32	Common pipistrelle	1	1	Emerged from south face near east chimney flew south (see D on fig 2)
NW, W	21.33	Common pipistrelle	1	1	Flew in from west foraging over gravel drive and west of house
E, SE	21.36	Common pipistrelle	2	2	Emerged from north face near east chimney flew east (see C on fig 2)
SE, E	21.37	Common pipistrelle	1	1	Emerged from south face near east chimney flew south (see D on fig 2)
SE, E	21.39	Common pipistrelle	1	1	Emerged from south face near east chimney flew south (see D on fig 2)

NW	20.40	Common pipistrelle	1	5+	Investigating undereaves on north face of house landing briefly above window
NW, W, SW	21.43-45	Common pipistrelle	2	10+	foraging over gravel drive and west of house
NW, W, SW	21.46-50	Common pipistrelle	2-3	10+	foraging over gravel drive and west of house
NW,	22.02	Myotis	1	1	Brief pass over gravel drive HNS
All	22.06	Noctule	1	1	Brief pass overhead HNS



Figure 6. SE dark sky 18.7.2025



Figure 7. E dark sky 18.7.2025



Figure 8. SW dark sky 18.7.2025



Figure 9. W dark sky 18.7.2025

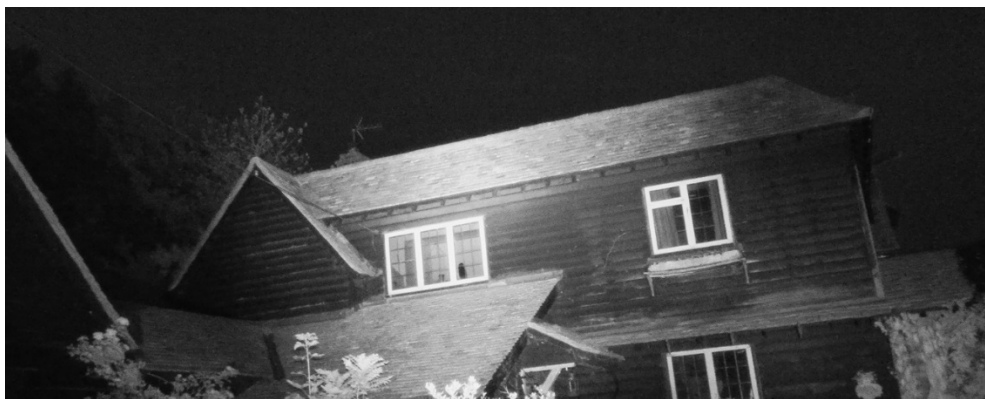


Figure 10. NW dark sky 18.7.2025

21st September 2025

Weather was calm dry with starting temperature of 15° C dropping to 12.5 °C.

Project		Start time	18.40	Finish	20.36
		21.9.2025		sunset	19.06
Bat passes heard					
Station no.	Start time		No.	passes	comments
SW	19.26-27	soprano pipistrelle	1	3	Flew in from southwest foraged briefly to west of house
NW, SW	19.29	Common pipistrelle	1	1	foraged briefly to west of house
SW	19.35	Common pipistrelle	1	1	Flew in from south and off to north
NE, SE	19.44	Common pipistrelle	1	1	Brief pass to west



Figure 11. SE dark sky 21.9.2025



Figure 12. E dark sky 21.9.2025



Figure 13. SW dark sky 21.9.2025



Figure 14. NW dark sky 21.9.2025